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2123



BEN0001-US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:  PERRY PETERSON  Serial No.: 10/552,901  Filed: JULY 26, 2006  For: CLOSE-PACKED, UNIFORMLY ADJACENT, MULTIRESOLUTIONAL, OVERLAPPING SPATIAL DATA ORDERING	Art Unit: 2123  Examiner: Unknown
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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants wish to make of record in the above-identified application the document or documents referenced on the attached Form PTO-1449. A copy of each non U.S. reference is enclosed herewith.

The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Accordingly, Applicants do not believe that a fee is due for filing this paper. However, should a first action on the merits have been issued on the same day or before this Information Disclosure Statement is filed, please accept this Information Disclosure Statement under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 50-2613, under Order No. BEN0001-US and proceed to consider this Information Disclosure Statement.

Serial No.: 10/552,901  
Art Unit: 2123  
Inventor: Perry PETERSON

Attorney's Docket No.: BEN0001-US  
Page 2

It is respectfully requested that the information be expressly considered during the prosecution of this application, and that each reference be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This submission does not represent that any referenced document is material or constitutes "prior art." If it should be determined that one or more of the referenced documents constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the reference or references.

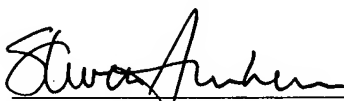
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over any referenced document, should it be applied against the claims of the present application.

PAUL, HASTINGS, JANOFSKY & WALKER LLP  
875 15th Street, N.W.  
Washington, D.C. 20005  
Tel: 202/551-1700

Respectfully submitted,

PERRY PETERSON

Date: March 12, 2007

By:  #43475  
For: Michael Bednarek  
Registration No. 32,329

MB/ggb

Customer No. 36183



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/552,901		
		Filing Date	JULY 26, 2006		
		First Named Inventor	PERRY PETERSON		
		Art Unit	2123		
		Examiner Name	UNKNOWN		
Sheet	1	of	3	Attorney Docket Number	BEN0001-US

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code <sup>2</sup> (if known)			
		US-4,691,291	09/01/1987	WOLFRAM	
		US-4,809,202	02/28/1989	WOLFRAM	
		US-5,781,195	07/14/1998	MARVIN	
		US-2004/0225665 A1	11/11/2004	TOYAMA, KENTARO ET AL.	
		US-2005/0193365 A1	09/01/2005	SAHR, KEVIN	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
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		Filing Date	JULY 26, 2006
		First Named Inventor	PERRY PETERSON
		Group Art Unit	2123
		Examiner Name	UNKNOWN
Sheet 2	of 3	Attorney Docket Number	BEN0001-US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Article entitled "3-SUBDIVISION" by Leif Kobbelt, published by Max-Planck Institute for Computer Sciences, Germany, <a href="http://www-i8.informatik.rwth-aachen.de/publications/downloads/sqrt.3.pdf">http://www-i8.informatik.rwth-aachen.de/publications/downloads/sqrt.3.pdf</a> , SIGGRAPH 2000: 103-112, 2001	<input type="checkbox"/>
		Article entitled "An Equal-Area Map Projection For Polyhedral Globes" by John P. Snyder, United States Geological Survey/Reston, Virginia, United States, CARTOGRAPHICA Vol 29 No. 1 SPRING 1992 pp 10-21.	<input type="checkbox"/>
		Article entitled "Discrete Global Grid Systems" by Sahr, K. et al. (published in: (1998) Computing Science and Statistics, 30 ed. S. Weisberg, Interface Foundation of North America, Inc., Fairfax Station, VA.) <a href="http://bufo.geo.orst.edu/tc/firma/gg/pubs/gdgs98.pdf">http://bufo.geo.orst.edu/tc/firma/gg/pubs/gdgs98.pdf</a>	<input type="checkbox"/>
		Article entitled "Encoding and Handling Geospatial Data with Hierarchical Triangular Meshes", In Kraak, M.J. and Molenaar, M. (eds) Advances in GIS Research II, London: Taylor & Francis, pp. 505-518, 1996 by Geoffrey Dutton, Dept. of Geography, Univ. of Zurich, Switzerland, <a href="http://www.spatial-effects.com/SE-papers1.html#SDH96">http://www.spatial-effects.com/SE-papers1.html#SDH96</a>	<input type="checkbox"/>
		Kimerling, Jon Dr. "Discrete Global Grids", May 8, 2002, ( <a href="http://www.ncgia.ucsb.edu/globalgrids-book/">www.ncgia.ucsb.edu/globalgrids-book/</a> ) and projects by colleague Denis White at the EPA	<input type="checkbox"/>
		Article entitled "Geodesic Discrete Global Grid Systems" by SAHR, K. et al. Cartography and Geographic Information Science, Vol. 30, No. 2, 2003, pp. 121-134, 2003. <a href="http://www.sou.edu/cs/sahr/dgg/pubs/gdgs03.pdf">http://www.sou.edu/cs/sahr/dgg/pubs/gdgs03.pdf</a> .	<input type="checkbox"/>
		Article entitled "Hexagonal Image Processing" - A Practical Approach - Series: Advances in Pattern Recognition, Springer, 2005 by Middleton, L. et al.	<input type="checkbox"/>
		Article entitled "ISEA Discrete Global Grids" by Carr, D. et al., Statistical Computing & Statistical Graphics Newsletter, Vol. 8, No. 2/3, pp. 31-39, 1998. <a href="http://www.galaxy.gmu.edu/~dcarr/lib/v8n2.pdf">http://www.galaxy.gmu.edu/~dcarr/lib/v8n2.pdf</a>	<input type="checkbox"/>
		Article entitled "Lattice-Gas Automata for the Navier-Stokes Equation" by Frisch, U. et al. Physical Review Letters, Vol. 56, No. 14, April 7, 1986, pp. 1505-1508.	<input type="checkbox"/>
		"On The Division of Space with Minimum Partitional Area" by Thomson, W. et al. The London, Edinburgh, And Dublin Philosophical Magazine And Journal of Science, Vol. XXIV-Fifth Series. July-December 1887, pp. 503-514.	<input type="checkbox"/>

Examiner Signature	Date Considered
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		Filing Date	JULY 26, 2006
		First Named Inventor	PERRY PETERSON
		Group Art Unit	2123
		Examiner Name	UNKNOWN
Sheet 3 of 3	Attorney Docket Number	BEN0001-US	

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Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Pappus D'Alexandrie, "Preface on the Sagacity of Bees", La Collection Mathematique, Librairie Scientifique Et technique, Paris, 1933, pp. 237-29.	<input type="checkbox"/>
		Panu, U.S., et al. "Runoff Hydrographs By The Hexagon Grid Method", Processings of the CSCE Annual Conference, Vol. V, pp.341-358, 1990.	<input type="checkbox"/>
		Russell, J., July 22, 2001, "Spatial Data and the Voronoi Tessellation" (URL:http://www.ddj.com/184408891), Dr. Dobb's Journal, Copyright 1992.	<input type="checkbox"/>
		Gibson, L. et al. "Spatial Data Processing Using Generalized Balanced Ternary" Interactive Systems Corporation, Littleton, Colorado, 82CH1761-6/82/0000/0566\$00.75 copyright 1982 IEEE, pp. 566-571.	<input type="checkbox"/>
		von Koch, Helge "Une Methode Geometrique Elementaire Pour L'etude De Certaines Questions De La Theorie des Courbes Planes", Acta Mathematica, 30. Imprime le 17 October 1905, pp. 145-174. <a href="http://mathworld.wolfram.com/KochSnowflake.html">http://mathworld.wolfram.com/KochSnowflake.html</a>	<input type="checkbox"/>
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